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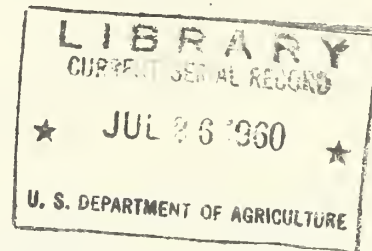
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U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

P  
Supervision  
Reports  
Annual Planting, 1955



# FOREST AND WINDBARRIER PLANTING IN THE UNITED STATES

during

## 1955

(July 1, 1954 - June 30, 1955)

The situation in general  
Statistics by states and agencies doing planting  
Quantities of stock produced

(Compiled from information furnished by the State Foresters or other appropriate public officials of each State and Federal agency concerned)



# FOREST AND WINDBARRIER PLANTINGS IN THE UNITED STATES DURING 1955

## Definition of terms, and foreword.

In this report the words "forest planting" or "reforestation" include a) plantings on poorly stocked or denuded forest land, b) plantings of woodlots on abandoned farm lands, and c) plantings made to speed the regeneration of newly cutover forests even though natural regeneration was to be expected. These words do not include "windbarrier plantings," which are plantings of shelterbelts around fields, and windbreaks around farmstead buildings. Windbarrier plantings are tremendously important to the farmers who make them, but their primary product is wind protection, and aside from some posts and fuelwood, they will probably add little to the Nation's eventual supply of timber. Their inclusion with "forest" plantings can give a misleading idea of "reforestation" accomplishments. Therefore, this 1955 report shows "forest plantings" and "windbarrier plantings" in separate tables. This must be carried in mind if this 1955 report is to be contrasted to one for some previous year. "Planting" or "tree planting" are the general terms used to include both types together.

## Acres planted, 1955 and previously

Tree planting during the fiscal year 1955 (July 1, 1954 to June 30, 1955) as reported by the State Foresters and other agencies, was as follows:

Forest plantings	780,839 acres
Windbarrier plantings	31,749 acres

Total plantings for all reasons by all owners 812,588 acres

The comparable gross figures for recent years are:

1955	812,588 acres
1954	811,066 "
1953	715,548 "
1952	522,935 "
1951	456,368 "
1950	497,507 "
1940	519,051 "
1930	138,970 "

The gross figure for 1955 is only 1/5 of one percent greater than that of 1954. The spectacular rate of increase experienced each year since 1947 has ceased, at least for this one year. It will be unfortunate if this present rate of about 800,000 acres should prove to be the usual amount from here on, for it is far short of being adequate to meet the size of the problem that exists.

### Accomplishments in 1955 by ownership classes

#### Both classes of planting

The Federal Government planted 77,002 acres of forest and 3,420 acres of windbarriers in 1955 upon lands administered by its various agencies. This is approximately 7,400 acres greater than what it did in 1954.

The States and other non-Federal public agencies planted 51,332 acres of forest and 182 acres of windbarriers—approximately the same as in 1954.

Private landowners planted 652,505 acres of forest and 28,147 acres of windbarriers—a total of 680,652 acres. This is about 1% less than they planted in 1954.

In eleven states the private land planting increased 52,700 acres from 1954.

In twenty-four states the private land planting was approximately the same as in 1954.

In fifteen states the private land planting decreased 58,672 acres from 1954.

#### Forest planting

States in which the private landowners are reforesting more than 20,000 acres annually are:

Georgia	96,000 acres	Alabama	36,729 acres
Florida	91,000 "	South Carolina	33,000 "
Pennsylvania	59,000 "	New York	32,000 "
Mississippi	52,000 "	Texas	22,400 "
Louisiana	45,000 "	North Carolina	22,007 "
Michigan	37,100 "	Wisconsin	21,000 "

The reforestation work of industrial organizations amounts to 45% of the total being done on private lands. Forest Industries planted 239,000 acres of their land, which is about 27,000 acres less than what they planted in

1954; and Other Industries planted 52,600 acres, which is 8,300 acres more than they planted in 1954. It is probable that this decrease by the forest industries would actually have been an increase had plenty of planting stock been available. States in which the forest industries, and other industries are especially active in reforesting their lands are:

Florida	63,000 acres	Mississippi	14,000 acres
Georgia	48,200 "	North Carolina	13,000 "
Pennsylvania	32,100 "	Texas	10,700 "
Louisiana	27,300 "	Arkansas	9,800 "
Alabama	18,500 "	Virginia	8,700 "
South Carolina	16,000 "		

#### Windbarrier planting

Although the annual reports for previous years did not separate the windbarrier plantings from the forest plantings, we know that in certain states most of the private planting that is done is for windbarrier purposes. The following tabulation therefore shows the amount of such planting done in the leading windbarrier states in 1955 and in 1950.

	<u>1955</u>	<u>1950</u>
North Dakota	7,636 acres	870 acres
South Dakota	6,897 "	6,767 "
Nebraska	6,600 "	5,771 "
Colorado	996 "	1,471 "
Indiana	928 "	Not known
Kansas	905 "	1,021 acres

The program for this type of planting is nearly static except in North Dakota where it is being pushed vigorously with stock from two large State and two large Soil Conservation District nurseries.

#### The job to be done

The following tables gives an estimate of the tree planting job in the continental United States at the start of fiscal year 1953. This estimate was made by the State Foresters and other agencies as a part of the study recently made of the Nation's timber resource. (Timber Resource Review, Chapter IV - C, Tree Planting; and Chapter IX, Tables 18 and 19.)

The acreages it gives do not include significant amounts of the farm land which should be diverted from surplus farm crop production and planted to trees. Any such diverted acreages, therefore, are additional to the acreages given on the next page.



The Tree Planting Job in Continental United States  
at the Beginning of Fiscal Year 1953

	Commercial Forest Land	Non-Commercial Forest Land	Windbarrier Lands	Total
-----Thousands of Acres-----				
New England States	1,228	18	0	1,246
Middle Atlantic States	3,725	2	0	3,727
Lake States	7,651	636	200	8,487
Central States	7,869	402	124	8,395
Plains States	<u>975</u>	<u>448</u>	<u>2,337</u>	<u>3,760</u>
Total North	21,448	1,506	2,661	25,615
S. Atlantic States	4,081	0	0	4,081
Southeastern States	14,214	0	0	14,214
West Gulf States	<u>3,652</u>	<u>0</u>	<u>0</u>	<u>3,652</u>
Total South	21,947	0	0	21,947
Pacific Northwest States	2,468	354	10	2,832
California	4,104	3,107	0	7,211
N. Rocky Mountain States	1,169	105	190	1,464
S. Rocky Mountain States	<u>812</u>	<u>375</u>	<u>83</u>	<u>1,270</u>
Total West	8,553	3,941	283	12,777
TOTAL CONTINENTAL U.S.	51,948	5,447	2,944	60,339

These are the figures with which the annual accomplishments shown in this Report must be contrasted. Furthermore, not every acre so reported can be considered as a reduction of the acres shown in the table, since obviously not all plantations survive satisfactorily, and some of the current planting is not reducing the backlog shown above but is, instead, being done on newly cut over acres that would have restocked naturally had their owners been willing to wait awhile. In other words when the accomplishments of any one year are considered in the light of the above facts it is seen that our present progress is indeed slow.

#### Seed supplies

Ever since planting stock production began to expand the nurseries have been hampered by lack of seed. In fact, a supply of suitable seed has always been and continues to be the biggest single problem confronting a tree planting program. The states with the larger nurseries have tried to meet their problem by building new extractories and refrigerated seed storage vaults and have organized vigorous programs of collecting and stock-



piling seed. For example, record quantities of seed were gathered in the South and in the Pacific Northwest during the Fall of 1955. Yet, in general, the tree seed in storage for the future is barely adequate for the current programs in many of the states and is actually inadequate in places.

The problem of obtaining seed is complicated by the fact that many species produce collectable quantities of seed only at irregular and infrequent intervals. In some cases as long as seven or more years may elapse between crops. Furthermore, apparently promising crops are subject to destruction from various insects, blights, and weather conditions so that they fail to develop at all or contain infertile seed. For example, much tree seed in the southern portions of the Central and the Prairie states was destroyed in the March 1955 freeze, and the Pacific Northwest now reports a possible loss of the 1956 Douglas fir seed crop as a result of the mid-November 1955 freeze.

#### Nurseries - numbers, operators, and 1955 production

A summary of the forest tree nurseries operating in 1955 follows:

<u>Agency or Owner</u>	<u>Active Nurseries</u>	<u>Actual or Estimated Output of Trees</u>
U. S. Forest Service	12	88,088 M
Tennessee Valley Authority	1	22,242
State Foresters or similar	90	519,462
Cities and Counties	3	233
Soil Conservation Districts	6	8,732
Paper industries	12	39,240
Lumber industries	3	7,276
Private commercial	40	57,000
<b>TOTAL</b>	<b>167</b>	<b>742,273 M</b>

(For additional details see Table 6 of this Report, and "List of Forest Tree Nurseries in the U.S. During 1955.")

The only Federal nurseries in operation are the twelve of the U. S. Forest Service and the one of the Tennessee Valley Authority. The Forest Service nursery trees go into a variety of programs--as onto National Forests, lands of the Atomic Energy Commission, flood control projects, and private lands through the cooperative tree distribution programs (C-M 4 program) of various states. The trees from the TVA go mostly onto private lands through the established programs of that Agency.

Most of the production from the state nurseries goes onto privately owned lands, largely through the C-M 4 program. The state nursery in Colorado and two in Pennsylvania ceased tree planting stock production in 1955. The production at the Colorado nursery was quite small and the loss of two in Pennsylvania was counterbalanced by increased production at one of its others. Although the 1955 production at the southern state nurseries was seriously curtailed by a seed shortage the total production of the 90 state nurseries increased by 17-1/4 million plants over 1954. A new record for the state nurseries of 519-1/2 million plants was achieved. Florida and North Carolina each is bringing a new 25 million tree nursery into production in 1956 and another of similar size is proposed in South Carolina during the next year or so. Texas has started a nursery at Big Spring to produce windbarrier planting stock.

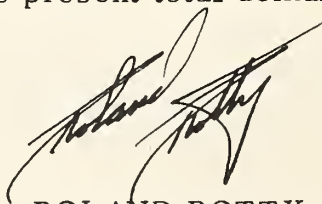
Most of the production from Forest Industry nurseries goes onto Company lands, but some of it is distributed through a variety of Company programs to private landowners--usually free-of-charge--for planting on their own lands. The nurseries of these companies in the South also suffered curtailed production in 1955 because of a lack of seed, but collections during the Fall should relieve this somewhat. Two new Company nurseries should come into production in 1956 in Georgia and another is planned in Texas; their combined output will be somewhere between 15 and 25 million trees.

A new Soil Conservation District Nursery started production in Michigan with an initial output of 832 M, and production at some of the other S.C. District nurseries increased so that the total from this class increased from 5.6 million in 1954 to 8.7 million in 1955. Four additional commercial nurseries reported that they now produce forest or windbarrier planting stock and an increase of 2 million plants is estimated in the year's production by this class.

#### Supply and Demand for Planting Stock in 1955

Planting stock orders refused by some of the southern State Foresters because of a shortage of nursery stock probably totalled more than 50 million trees and would have been even greater had not one state had a considerable surplus. Shortages in stock were also reported from the Pacific Northwest, some of the Lake States, and in lessening amounts from many of the others. The usual transfer of relatively small quantities of various species occurred between a number of the states.

In general, the situation might be summed up by saying that the present total production is considerably less than the present total demand.



ROLAND ROTTY, In Charge  
Tree Planting Cooperation





Table 2  
**FOREST PLANTING ON NON-FEDERAL PUBLIC LAND IN 1955**  
(EXCLUSIVE OF WINDBARRIER PLANTING)  
July 1, 1954-June 30, 1955

State	State Agencies				Other State Lands				Other Public Agencies				Total — Table 2				State
	State Forest Land				As Town, Boroughs, Counties and Public Schools				As Town, Boroughs, Counties and Public Schools				Total				
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total		
Alabama	25	890	915	51	2,618	2,669	128	493	611	204	3,991	4,195	Alabama				
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	Arizona				
Arkansas	-	-	-	-	114	114	51	478	529	51	592	643	Arkansas				
California	66	125	191	96	19	115	33	65	98	195	209	404	California				
Colorado	-	-	-	-	5	5	-	155	155	-	160	160	Colorado				
Connecticut	42	10,213	10,255	9	634	643	53	3,493	3,546	104	11,444	14,444	Connecticut				
Delaware	4	331	335	7	67	74	3	201	204	104	599	613	Delaware				
Florida	1,888	8,573	10,461	472	1,680	2,152	151	1,163	2,511	2,511	11,565	14,076	Florida				
Georgia	198	1,323	1,521	183	4,009	4,192	53	2,617	2,670	7,751	8,185	8,185	Georgia				
Idaho	14	16	60	-	695	695	11	88	99	25	829	854	Idaho				
Illinois	128	4,366	4,494	1,098	3,470	4,568	342	3,013	3,355	1,568	10,819	12,417	Illinois				
Indiana	1,306	19,336	20,642	31	3,300	3,331	24	466	466	1,361	22,258	24,619	Indiana				
Iowa	82	1,893	1,975	68	3,338	3,406	-	361	361	150	7,592	7,742	Iowa				
Kansas	-	-	-	-	4,000	4,000	-	-	-	-	4,000	4,000	Kansas				
Kentucky	161	1,161	1,322	8	386	394	36	278	314	205	1,825	2,030	Kentucky				
Louisiana	35	5,318	5,353	4	441	445	163	4,745	4,908	202	10,504	10,706	Louisiana				
Maine	-	322	322	5	114	114	39	752	791	44	1,198	1,232	Maine				
Maryland	341	2,129	2,470	72	446	518	350	1,890	2,240	763	4,565	5,228	Maryland				
Massachusetts	21	32,110	32,161	35	12,777	12,812	50	16,808	16,858	106	61,725	61,831	Massachusetts				
Michigan	2,795	279,759	282,544	481	19,793	20,274	563	16,683	17,246	2,829	216,235	220,064	Michigan				
Minnesota	2,784	38,137	40,921	2,236	19,238	21,474	2,071	8,657	10,728	7,091	66,032	73,123	Minnesota				
Mississippi	31	2,594	2,625	228	619	847	523	423	523	259	3,736	3,995	Mississippi				
Missouri	314	3,998	4,312	24	963	987	56	9	65	394	4,970	5,364	Missouri				
Montana	5	20	25	1	5	6	-	-	-	6	25	31	Montana				
Nebraska	-	200	200	-	576	576	-	870	870	-	1,646	1,646	Nebraska				
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	Nevada				
New Hampshire	70	7,933	8,003	11	181	192	23	4,449	4,472	104	12,563	12,667	New Hampshire				
New Jersey	-	11,284	11,284	26	835	861	5	1,534	1,539	31	13,653	13,684	New Jersey				
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-	New Mexico				
New York	7,698	390,267	397,965	309	24,885	25,194	881	94,015	94,896	8,888	509,167	518,055	New York				
North Carolina	102	1,644	1,916	229	2,450	2,679	159	1,226	1,385	490	5,520	6,010	North Carolina				
North Dakota	718	12,382	13,100	-	-	-	671	15,468	16,141	-	33,205	35,179	North Dakota				
Ohio	5,331	65,997	71,328	593	5,345	5,938	277	425	484	1,974	67,289	72,778	Ohio				
Oklahoma	-	-	-	167	611	618	287	73	825	5,758	584	6,010	Oklahoma				
Oregon	368	60,371	61,739	250	13,025	13,275	386	13,090	13,475	1,003	86,486	87,489	Oregon				
Pennsylvania	5	3,592	3,597	675	513	513	10	6,820	6,830	15	10,925	10,940	Pennsylvania				
Rhode Island	985	10,360	11,345	108	6,899	7,074	69	1,499	1,568	1,729	18,258	19,987	Rhode Island				
South Carolina	53	34	367	128	1,800	1,808	-	-	-	161	1,714	1,875	South Carolina				
South Dakota	932	23,524	24,434	120	914	1,034	4	693	697	1,056	25,109	26,165	South Dakota				
Tennessee	5	562	567	84	304	304	-	-	-	89	2,940	3,029	Tennessee				
Texas	-	-	-	6	24	24	-	-	-	6	24	30	Texas				
Utah	-	3,268	3,268	19	295	314	82	3,833	3,915	101	7,496	7,597	Utah				
Vermont	1,061	1,903	2,061	50	607	657	35	790	825	243	3,300	3,543	Vermont				
Virginia	1,748	41,566	43,314	252	252	252	179	5,965	6,144	2,179	47,531	49,710	Virginia				
Washington	-	1,831	1,831	44	747	791	53	425	478	101	3,003	3,104	Washington				
West Virginia	909	50,752	51,661	213	3,326	3,539	-	-	-	6,943	193,055	199,998	West Virginia				
Wisconsin	-	-	-	-	-	-	-	-	-	-	-	-	Wisconsin				
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	Wyoming				
Total for Continental U.S.	29,376	1,100,504	1,129,880	8,335	143,903	152,238	12,870	355,492	368,362	50,581	1,599,899	1,650,480	Total for Continental U.S.				
Hawaii	249	35,997	36,186	30	106	136	3	149	152	282	36,192	36,474	Hawaii				
Puerto Rico	164	20,155	20,619	-	3,574	3,574	5	460	465	469	24,189	24,658	Puerto Rico				
Grand Total	30,089	1,156,596	1,186,685	9,365	147,583	155,918	12,878	356,101	368,979	51,332	1,660,280	1,711,612	Grand Total				

\* 68 acres direct seeded.

**Table 3**  
**FOREST PLANTING ON PRIVATELY-OWNED LAND IN 1955**  
(EXCLUSIVE OF WINDBARRIER PLANTING)  
July 1, 1954 - June 30, 1955

State	Persons, Clubs, Associations, and Private Schools Lands				Forest Industry Land				Other Industry Land (Mining, railroad, water, power, etc.)				Total - Table 3				State
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	
Alabama	18,199	102,447	120,636	17,286	69,126	86,412	1,254	12,750	14,004	36,729	184,323	221,052	Alabama				Alabama
Arizona	-	1,444	1,444	-	-	-	-	-	-	-	1,444	1,444	Arizona				Arizona
Arkansas	3,903	37,493	41,396	9,382	61,025	70,407	386	3,276	3,662	13,671	38,099	115,465	Arkansas				Arkansas
California	356	10,798	11,154	810	27,132	27,942	40	169	209	1,206	39,305	39,305	California				California
Colorado	-	3,248	3,248	-	-	-	-	-	-	-	3,248	3,248	Colorado				Colorado
Connecticut	753	17,126	18,179	-	-	-	62	8,545	8,607	815	25,971	26,786	Connecticut				Connecticut
Delaware	275	2,150	2,425	-	15	15	-	52	52	275	2,425	2,532	Delaware				Delaware
Florida	28,139	214,515	242,654	56,459	170,301	226,754	6,520	29,824	36,344	91,112	414,670	505,782	Florida				Florida
Georgia	40,115	305,842	353,987	46,877	199,571	236,448	1,362	6,852	8,214	96,384	542,665	598,649	Georgia				Georgia
Idaho	110	2,171	2,281	-	89	87	-	23	27	118	2,277	2,395	Idaho				Idaho
Illinois	3,789	40,376	44,165	-	-	-	672	18,939	19,511	4,455	59,215	63,670	Illinois				Illinois
Indiana	2,613	29,163	31,776	19	612	631	-	1,519	28,120	4,211	56,646	60,857	Indiana				Indiana
Iowa	275	260,966	261,241	-	-	115	-	5	386	280	261,492	261,772	Iowa				Iowa
Kansas	4,636	25,000	25,035	-	-	-	-	-	-	35	25,000	25,035	Kansas				Kansas
Kentucky	17,974	86,715	104,689	27,270	278,855	306,125	400	5,826	6,226	5,074	24,278	29,350	Kentucky				Kentucky
Louisiana	-	9,477	10,172	9	10,368	10,377	-	1,109	1,118	713	20,954	21,667	Louisiana				Louisiana
Maine	695	29,077	31,203	447	1,603	2,050	51	1,127	1,178	2,624	31,807	34,431	Maine				Maine
Maryland	478	31,682	32,160	12	3,226	3,238	-	713	713	490	35,621	36,111	Maryland				Maryland
Massachusetts	34,707	168,412	203,119	440	1,668	2,078	2,063	13,609	15,672	37,180	133,689	220,869	Massachusetts				Massachusetts
Michigan	-	98,938	104,360	870	7,739	8,609	-	-	-	6,292	107,677	113,969	Michigan				Michigan
Minnesota	5,422	180,108	218,016	9,237	77,633	86,870	4,721	639	5,360	51,866	258,380	310,246	Minnesota				Minnesota
Mississippi	1,228	20,378	21,606	238	238	238	10	424	434	1,238	21,040	22,278	Mississippi				Mississippi
Missouri	-	500	500	144	510	684	-	-	-	162	1,040	1,202	Missouri				Missouri
Montana	-	12,008	12,008	-	-	-	-	-	-	-	-	-	Montana				Montana
Nebraska	-	23,006	23,976	-	-	-	-	-	-	-	-	-	Nebraska				Nebraska
Nevada	-	23,092	24,286	-	-	-	-	-	-	-	-	-	Nevada				Nevada
New Hampshire	1,194	2,093	2,093	-	-	-	9	1,103	1,112	1,019	26,881	27,900	New Hampshire				New Hampshire
New Jersey	-	377,161	408,221	223	6,908	7,131	70	7,090	7,100	1,264	30,234	31,498	New Jersey				New Jersey
New Mexico	-	68,455	77,705	-	-	-	-	-	-	-	-	-	New Mexico				New Mexico
New York	31,060	108,221	139,281	10,662	22,840	33,502	510	22,193	22,703	31,793	406,262	438,055	New York				New York
North Carolina	9,050	68,455	77,705	10,662	22,840	33,502	2,295	10,035	12,330	22,007	101,530	123,537	North Carolina				North Carolina
North Dakota	-	102,311	102,311	-	-	-	-	-	-	-	-	-	North Dakota				North Dakota
Ohio	4,622	28,475	30,610	108	1,271	1,379	4,920	26,693	31,553	9,450	130,215	139,895	Ohio				Ohio
Oklahoma	1,555	28,475	30,610	163	6,739	6,902	-	123	123	1,564	35,337	37,035	Oklahoma				Oklahoma
Oregon	724	15,206	15,930	5,130	63,220	68,350	-	40	40	5,864	73,466	84,130	Oregon				Oregon
Pennsylvania	26,460	211,023	237,483	10,218	12,740	22,658	21,882	67,115	88,997	58,530	290,578	349,108	Pennsylvania				Pennsylvania
Rhode Island	112	21,402	21,514	-	-	-	-	-	-	112	21,402	21,514	Rhode Island				Rhode Island
South Carolina	17,016	157,474	174,490	13,121	67,217	80,368	2,842	13,076	15,938	32,999	237,797	270,796	South Carolina				South Carolina
South Dakota	1	15,000	15,001	-	-	-	-	-	-	1	15,000	15,901	South Dakota				South Dakota
Texas	16,175	178,772	194,947	1,771	6,215	7,986	120	1,929	2,049	18,066	186,916	204,982	Texas				Texas
Tennessee	11,778	55,926	67,664	10,471	68,839	79,360	219	1,82	701	22,428	127,297	147,725	Tennessee				Tennessee
Utah	2	490	492	-	-	-	6	8	8	8	492	500	Utah				Utah
Vermont	1,376	22,156	23,532	194	3,074	3,268	25	1,986	2,011	1,595	27,216	28,811	Vermont				Vermont
Virginia	6,478	33,197	39,675	8,511	30,733	39,244	178	1,029	1,207	1,986	58,481	73,648	Virginia				Virginia
Washington	886	10,129	11,015	5,224	98,583	103,807	-	-	-	6,110	108,712	114,822	Washington				Washington
West Virginia	2,081	26,269	28,350	89	34,962	35,051	261	1,108	1,369	2,342	25,985	28,327	West Virginia				West Virginia
Wisconsin	16,553	161,017	177,600	3,894	34,962	38,856	175	772	907	20,622	196,781	217,403	Wisconsin				Wisconsin
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	Wyoming				Wyoming
Total for Continental U.S.	359,781	3,236,516	3,596,327	239,028	1,328,737	1,567,765	52,640	320,124	372,764	651,449	4,895,407	5,456,856	Total for Continental U.S.				
Hawaii	106	7,044	7,150	-	-	-	9	53,850	53,859	115	60,894	61,009	Hawaii				Hawaii
Puerto Rico	941	60,548	61,489	-	-	-	-	616	616	941	61,164	62,105	Puerto Rico				Puerto Rico
Grand Total	360,828	3,304,138	3,654,966	239,028	1,328,737	1,567,765	52,649	374,590	427,239	652,505	5,007,465	5,659,970	Grand Total				

Table 4

## WINDBARRIER PLANTING ON ALL OWNERSHIP OF LAND IN 1955

(EXCLUSIVE OF FOREST PLANTING)

July 1, 1954 - June 30, 1955

State	Federal Lands			Other Public (Non-Federal) Lands			Privately-Owned Lands			Total - Table 4			State
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
Alabama	75	3	78	-	-	-	-	-	-	75	3	78	Alabama
Arizona	1,888	1,668	3,556	-	-	-	90	942	1,032	1,978	2,610	4,588	Arizona
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	Arkansas
California	2	212	214	-	-	-	-	5,000	5,000	62	5,212	5,274	California
Colorado	1	41	42	-	-	-	995	19,860	20,855	996	19,901	20,897	Colorado
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	Connecticut
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	Delaware
Florida	-	-	-	-	-	-	-	-	-	-	-	-	Florida
Georgia	-	-	-	-	-	-	-	-	-	-	-	-	Georgia
Idebo	-	52	52	-	-	-	332	6,515	6,847	332	6,567	6,899	Idebo
Illinois	-	-	-	-	-	-	100	2,200	2,300	100	2,300	2,400	Illinois
Indiana	-	-	-	-	-	-	928	10,500	11,428	928	10,500	11,428	Indiana
Iowa	-	8	8	-	-	-	29	28,038	28,067	29	28,067	28,096	Iowa
Kansas	-	17	17	-	-	-	905	203,955	204,860	905	203,972	204,877	Kansas
Kentucky	-	-	-	-	-	-	25	-	-	25	-	25	Kentucky
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-	Louisiana
Maine	-	-	-	-	-	-	-	-	-	-	-	-	Maine
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	Maryland
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-	Massachusetts
Michigan	-	-	-	-	-	-	150	6,500	6,650	150	6,500	6,650	Michigan
Minnesota	5	29	34	-	-	-	100	15,750	15,850	105	15,779	15,884	Minnesota
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-	Mississippi
Missouri	15	165	180	-	-	-	150	1,750	1,900	165	1,915	2,080	Missouri
Montana	7	357	364	-	-	-	435	12,148	12,583	442	12,505	12,947	Montana
Nebraska	-	585	585	-	-	-	6,600	291,522	298,122	6,600	292,107	298,707	Nebraska
Nevada	-	-	-	-	-	-	26	423	449	26	423	449	Nevada
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	New Hampshire
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-	New Jersey
New Mexico	1,115	684	1,799	-	-	-	23	3,236	3,259	1,138	3,920	5,058	New Mexico
New York	1	-	1	-	-	-	-	-	-	-	-	-	New York
North Carolina	-	32	32	-	-	-	-	-	-	-	-	-	North Carolina
North Dakota	36	2,327	2,363	-	-	-	7,600	84,398	91,998	7,636	87,002	94,638	North Dakota
Ohio	-	9	9	-	-	-	40	2,000	2,040	40	2,009	2,049	Ohio
Oklahoma	2	53	55	16	125	141	635	56,556	57,191	643	56,734	57,377	Oklahoma
Oregon	10	72	82	-	-	-	-	-	-	10	72	82	Oregon
Pennsylvania	4	-	4	-	-	-	-	-	-	4	-	4	Pennsylvania
Rhode Island	-	1	1	-	-	-	-	-	-	-	-	-	Rhode Island
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-	South Carolina
South Dakota	52	1,512	1,564	-	-	-	-	-	-	-	-	-	South Dakota
Tennessee	30	14	44	99	3,854	3,953	6,746	80,621	87,367	6,897	85,987	92,884	Tennessee
Texas	-	147	147	-	-	-	558	27,317	27,875	30	27,454	28,022	Texas
Utah	169	81	250	3	70	73	88	2,021	2,109	260	2,172	2,432	Utah
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	Vermont
Virginia	-	-	-	-	-	-	77	-	77	77	-	77	Virginia
Washington	1	-	1	-	-	-	783	5,065	5,848	784	5,065	5,849	Washington
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	West Virginia
Wisconsin	5	5	10	-	-	-	-	7,600	7,600	5	7,605	7,610	Wisconsin
Wyoming	2	305	307	64	191	255	633	7,515	8,148	699	8,011	8,710	Wyoming
Total for Continental U.S.	3,420	8,343	11,763	182	4,553	4,735	28,098	881,424	909,522	31,700	894,320	926,020	Total for Continental U.S.
Hawaii	-	-	-	-	-	-	49	705	754	49	705	754	Hawaii
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	-	Puerto Rico
Grand Total	3,420	8,343	11,763	182	4,553	4,735	28,147	882,129	910,276	31,749	895,025	926,774	Grand Total

\* Wind-barriers are shelterbelts to protect fields, and windbreaks to protect farmstead buildings.



Table 5  
SUMMARY OF TREE PLANTING IN 1955  
July 1, 1954 - June 30, 1955

State	TABLE 1 Federal Acres Planted				TABLE 2 Other Public (Non-Federal) Acres Planted				TABLE 3 Private Acres Planted				TABLE 4 Wind-Barrier Acres Planted				GRAND TOTAL			
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total		
Alabama	1,081	71,786	72,867	204	3,991	4,195	36,729	184,323	221,052	75	3	78	38,089	260,103	298,192	Alabama				
Arizona	262	6,103	6,365	-	-	-	-	-	-	1,978	2,610	4,588	2,240	1,357	12,397	Arizona				
Arkansas	2,971	23,868	26,839	51	592	643	13,671	101,794	115,465	-	-	-	14,559	125,357	139,916	Arkansas				
California	3,085	54,474	57,559	404	269	673	1,266	1,470	2,936	52,312	5,741	20,867	49,365	94,311	99,057	California				
Colorado	121	69,111	69,232	106	1,410	1,516	815	25,978	27,493	596	15,951	20,547	1,319	32,993	44,890	Colorado				
Connecticut	-	100	100	-	-	-	-	-	-	-	-	-	-	-	-	Connecticut				
Delaware	2,308	35,405	37,713	14	599	613	275	2,257	2,532	-	-	-	269	2,956	3,225	Delaware				
Florida	2,167	13,953	16,120	2,511	11,565	14,076	91,112	434,670	505,782	-	-	-	95,911	461,640	557,551	Florida				
Georgia	787	101,225	102,012	25	7,751	8,185	96,384	502,265	598,649	-	-	-	99,185	623,154	722,339	Georgia				
Idaho	1,605	44,675	46,280	1,568	10,849	12,417	4,455	59,215	63,670	132	6,567	6,699	1,262	110,968	112,170	Idaho				
Illinois	1,512	21,568	23,080	1,361	23,258	24,619	4,211	56,466	60,687	100	2,200	2,300	7,728	116,939	124,667	Illinois				
Indiana	-	1,848	1,848	150	7,592	7,742	250	261,492	263,234	928	10,500	11,428	8,012	111,972	119,984	Indiana				
Iowa	-	100	100	-	-	-	35	25,000	25,035	29	28,698	28,667	159	295,970	299,429	Iowa				
Kansas	-	100	100	-	-	-	95	25,000	25,095	905	201,972	204,877	940	231,072	234,012	Kansas				
Kentucky	43	10,716	10,759	202	1,855	2,057	5,074	29,150	34,226	25	5,417	5,447	5,417	36,837	42,194	Kentucky				
Louisiana	1,436	104,829	106,265	205	10,504	10,706	47,424	39,766	49,470	-	-	-	46,752	524,579	569,381	Louisiana				
Maine	-	1,401	1,401	764	4,434	5,228	2,624	31,807	34,431	-	-	-	3,387	37,703	41,090	Maine				
Maryland	-	1,500	1,500	106	6,175	6,381	4,480	35,621	40,101	-	-	-	5,596	37,846	43,442	Maryland				
Massachusetts	5,641	553,472	559,113	3,829	316,235	320,064	371,930	181,689	220,869	150	6,500	6,650	46,900	1,059,896	1,106,636	Massachusetts				
Michigan	4,378	140,121	144,499	7,091	66,032	73,123	6,292	107,677	113,969	105	15,779	15,884	17,846	329,609	347,475	Michigan				
Minnesota	2,183	151,922	154,105	259	7,736	3,995	61,866	258,380	310,246	165	1,915	2,080	54,368	444,098	468,466	Minnesota				
Mississippi	988	64,850	65,838	394	4,970	5,164	1,288	21,000	22,278	165	1,915	2,080	2,785	92,775	95,560	Mississippi				
Missouri	1,476	37,046	38,522	6	25	31	1,162	1,040	1,202	442	12,606	12,917	2,086	50,616	52,702	Missouri				
Montana	-	30,910	30,910	-	1,416	1,416	-	14,951	14,951	-	-	-	293,707	313,634	316,234	Montana				
Nebraska	63	163	226	-	-	-	-	-	-	26	123	449	89	586	675	Nebraska				
Nevada	-	1,153	1,153	104	12,563	12,667	1,019	26,881	27,960	-	-	-	1,123	40,597	41,720	Nevada				
New Hampshire	-	5,762	5,762	31	13,653	13,684	1,264	31,490	32,754	-	-	-	1,327	44,462	45,789	New Hampshire				
New Jersey	202	7,953	8,155	8,888	509,167	518,055	31,793	405,262	438,055	1,138	3,320	5,058	40,702	923,382	924,089	New Jersey				
New York	1,329	16,841	18,170	490	5,520	6,010	22,107	101,530	123,537	32	7,436	32	21,826	123,923	124,749	New York				
North Carolina	-	967	967	-	-	-	2,000	2,000	2,000	7,436	87,002	90,638	7,616	89,969	97,605	North Carolina				
Ohio	988	15,245	16,233	1,974	31,205	35,179	9,650	130,245	139,895	40	2,009	2,049	12,652	180,704	193,356	Ohio				
Oklahoma	-	5,754	5,754	194	584	778	1,698	35,377	37,075	643	56,734	57,377	2,435	98,469	100,904	Oklahoma				
Oregon	16,694	94,267	110,961	5,759	67,280	73,038	5,874	84,130	89,130	10	72	82	25,326	210,085	210,411	Oregon				
Pennsylvania	117	21,316	21,433	1,007	86,426	87,436	31,540	290,578	349,100	4	-	4	59,684	388,243	457,917	Pennsylvania				
Rhode Island	-	123	123	15	10,925	11,048	112	21,462	21,514	-	1	1	127	32,751	32,878	Rhode Island				
South Carolina	10,862	51,980	62,842	1,729	18,258	19,397	32,999	277,797	270,796	6,397	85,067	92,684	45,580	307,995	353,575	South Carolina				
Texas	3,823	56,529	60,352	1,856	25,740	26,456	18,046	186,916	200,888	-	-	-	24,972	288,563	291,435	Texas				
Tennessee	41	52,463	52,504	89	2,910	3,093	22,428	125,297	147,725	548	27,442	28,020	21,112	268,319	289,431	Tennessee				
Texas	-	3,999	4,014	20	7,416	7,436	8	28,811	29,808	260	2,172	2,132	2,289	6,687	6,976	Texas				
Utah	15	1,320	1,324	61	7,436	7,597	1,595	27,216	28,811	-	-	-	1,700	36,072	37,732	Utah				
Vermont	4	7,377	8,089	243	3,300	3,543	15,167	58,481	73,648	77	77	16,199	69,153	85,357	Vermont					
Virginia	9,155	114,474	123,629	2,179	47,521	49,712	6,110	109,712	114,822	784	5,065	5,309	18,228	275,482	293,710	Virginia				
Washington	1,915	16,470	16,533	3,101	193,095	196,196	20,622	25,985	28,327	-	-	-	2,566	45,458	47,964	Washington				
West Virginia	63	234,231	234,490	6,903	193,095	199,998	20,622	196,791	217,403	5	7,605	7,610	28,974	631,672	660,646	West Virginia				
Wyoming	259	7,304	7,563	-	-	-	-	-	-	699	8,011	8,710	998	15,315	16,273	Wyoming				
Total for Continental U.S.	76,877	2,284,422	2,360,999	50,581	1,599,899	1,650,480	4,498,407	5,636,856	5,636,856	31,700	894,320	926,020	910,607	9,463,748	10,474,155	Total for Continental U.S.				
Hawaii	-	-	-	282	36,192	36,474	115	60,894	61,009	-	-	-	397	97,086	97,483	Hawaii				
Puerto Rico	125	12,372	12,697	282	24,189	24,758	91	62,105	62,105	-	705	754	1,584	95,630	100,214	Puerto Rico				
Grand Total	77,002	2,296,694	2,373,636	51,332	1,660,280	1,711,512	5,007,445	5,699,970	5,699,970	31,749	895,025	926,774	912,588	9,463,748	10,474,155	Grand Total				

Table 6

# FOREST AND WINDBARRIER STOCK DISTRIBUTED BY THE STATES IN 1955

July 1, 1954 - June 30, 1955

State	Distribution By State Organization Within State						Production In State Nurseries		
	Clarke-Mohrly Program Alone						Number of Nurseries Producing Trees in 1955	1955 Actual (M)	State
	Quantities Shipped			Price Charged (Ave.)		C-M 4 and Non-C-M 4 Combined Counties Shipped (M)			
	Seedlings (M)	Transplants (M)	Total (M)	Seedlings (\$)	Transplants (\$)				
Alabama	29,131 M	-	29,131 M	\$ 3.00	-	29,411 M	3	20,208 M	Alabama
Arizona	No Program	-	-	-	-	-	-	-	Arizona
Arkansas	16,263	-	16,263	3.00	-	16,263	-	-	Arkansas
California	64	47 M	701	10.07	\$142.57	866	4	926	California
Colorado	219	168	387	23.23	29.06	468	-	-	Colorado
Connecticut	726	193	919	26.65	40.00	919	1	801	Connecticut
Delaware	432	-	432	Free	-	432	1	650	Delaware
Florida	40,683	-	40,683	3.01	-	42,026	2	39,660	Florida
Georgia	112,308	-	112,308	3.01	-	114,238	4	115,655	Georgia
Idaho	234	120	354	15.00	16.00	442	1	332	Idaho
Illinois	5,978	58	6,036	11.79	19.44	6,161	2	7,173	Illinois
Indiana	5,448	1,940	7,088	13.93	15.00	10,493	2	8,982	Indiana
Iowa	89	352	441	10.38	20.00	441	1	441	Iowa
Kansas	No Program	-	-	-	-	150	1	150	Kansas
Kentucky	4,883	-	4,883	6.76	-	4,913	-	-	Kentucky
Louisiana	72,156	-	32,156	3.00	-	33,386	2	36,151	Louisiana
Maine	664	131	795	10.00	10.00	795	1	441	Maine
Maryland	3,645	-	3,645	Free	-	3,645	1	3,521	Maryland
Massachusetts	-	604	604	-	23.81	604	3	604	Massachusetts
Michigan	3,251	1,610	4,861	7.45	15.49	22,380	6	21,320	Michigan
Minnesota	Distribution is not under C-M 4 Program	-	-	-	-	13,383	2	13,383	Minnesota
Mississippi	22,895	-	22,895	3.50	-	22,895	2	22,895	Mississippi
Missouri	1,632	-	1,632	7.27	-	2,405	1	2,990	Missouri
Montana	470	84	554	28.93	40.00	554	1	674	Montana
Nebraska	398	240	1,338	28.38	32.50	1,338	-	-	Nebraska
Nevada	Distribution is made as a part of Utah's C-M 4 Program	-	-	-	-	-	-	-	Nevada
New Hampshire	1,296	1,123	1,123	-	6.02	1,123	1	1,423	New Hampshire
New Jersey	No Program	-	-	7.94	-	1,375	1	1,375	New Jersey
New Mexico	38,647	-	38,647	3.24	-	38,647	-	-	New Mexico
New York	22,565	-	22,565	2.56	-	24,070	3	38,602	New York
North Carolina	696	255	1,153	10.00	30.00	1,163	2	24,159	North Carolina
North Dakota	9,481	-	9,481	10.53	-	11,671	2	12,118	North Dakota
Ohio	1,876	-	1,876	7.44	-	1,932	2	2,313	Ohio
Oklahoma	5,907	-	5,907	8.75	-	5,907	2	5,916	Oklahoma
Oregon	10,418	253	10,671	6.00	15.00	11,962	1	11,964	Oregon
Pennsylvania	102	-	102	9.61	-	102	4	130	Pennsylvania
Rhode Island	34,728	-	34,728	2.44	-	35,291	1	34,553	Rhode Island
South Carolina	1,905	392	2,297	30.03	11.30	2,297	1	-	South Carolina
South Dakota	12,057	-	12,057	3.01	-	12,457	1	12,607	South Dakota
Tennessee	20,513	-	20,513	3.33	-	20,587	1	15,511	Tennessee
Texas	116	17	133	23.62	35.00	133	1	101	Texas
Utah	1,177	200	1,377	8.48	9.53	1,646	1	1,570	Utah
Vermont	15,489	-	15,489	4.63	-	15,643	2	14,484	Vermont
Virginia	406	84	490	6.00	50.00	5,129	1	5,994	Virginia
Washington	2,373	-	2,373	11.37	-	2,373	2	2,869	Washington
West Virginia	19,638	5,063	24,701	7.31	21.84	24,701	8	23,490	West Virginia
Wisconsin	196	46	242	25.00	30.00	242	2	-	Wisconsin
Wyoming	482,013 M	13,731 M	495,744 M	\$4.18	\$19.66	517,915 M	83	518,463 M	Wyoming
Total for Continental U.S.	482,013 M	13,731 M	495,744 M	\$4.18	\$19.66	517,915 M	83	518,463 M	Total for Continental U.S.
Hawaii	22	129	151	-	-	151	5	198	Hawaii
Puerto Rico	246	430	676	-	-	811	2	811	Puerto Rico
Grand Total	482,281 M	14,290 M	496,571 M	\$4.18	\$19.66	518,877 M	90	519,462 M	Grand Total

Weighted national average selling price - \$4.63



